

Fig. 1

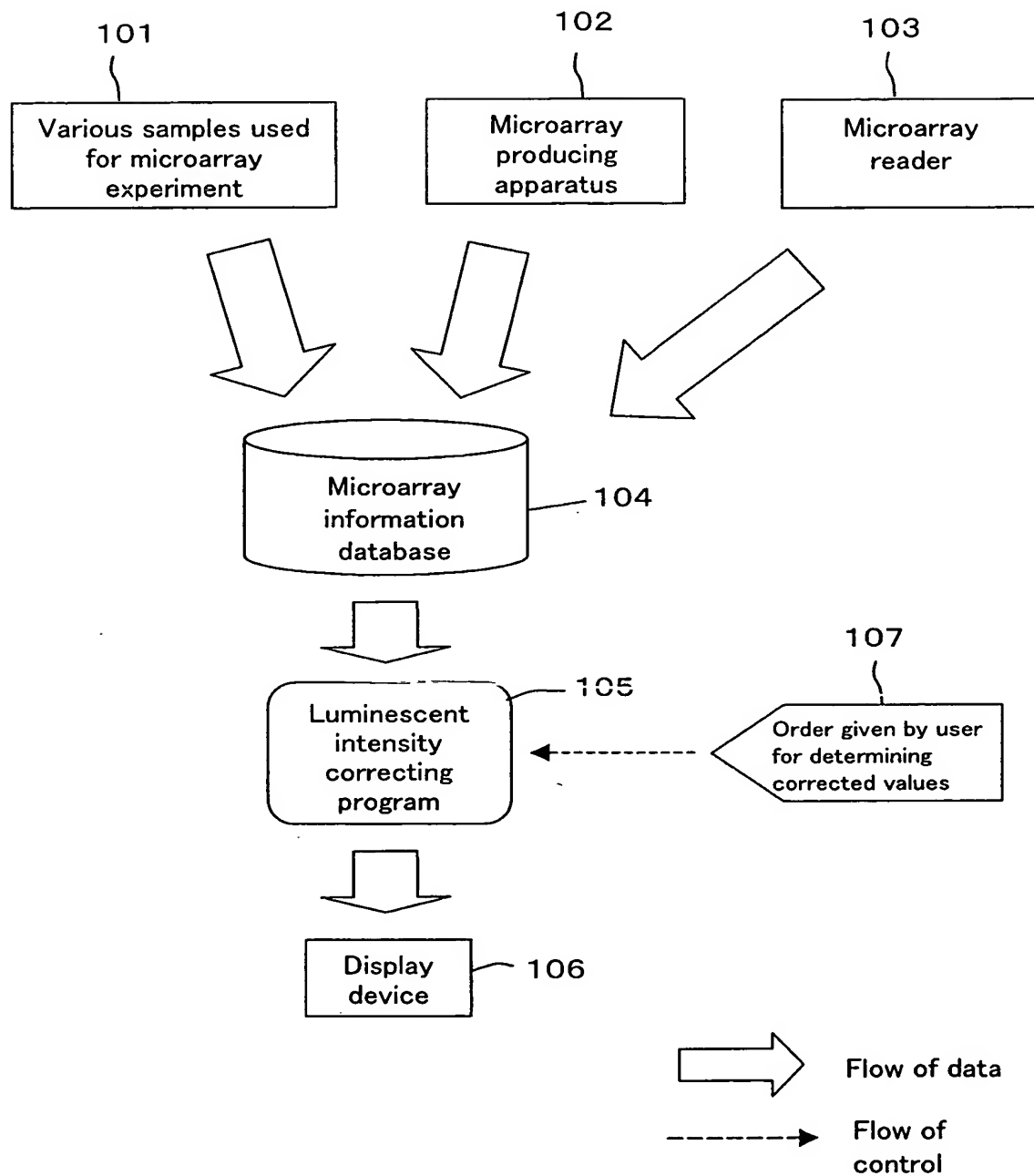


Fig. 2

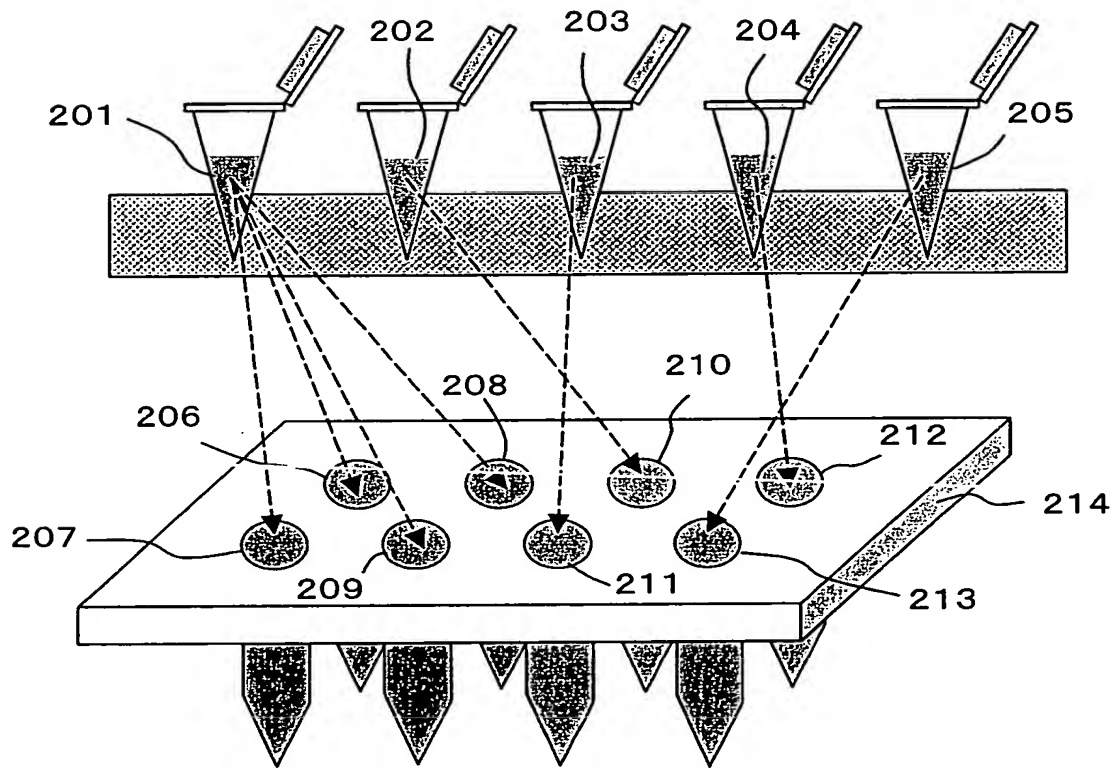


Fig. 3A

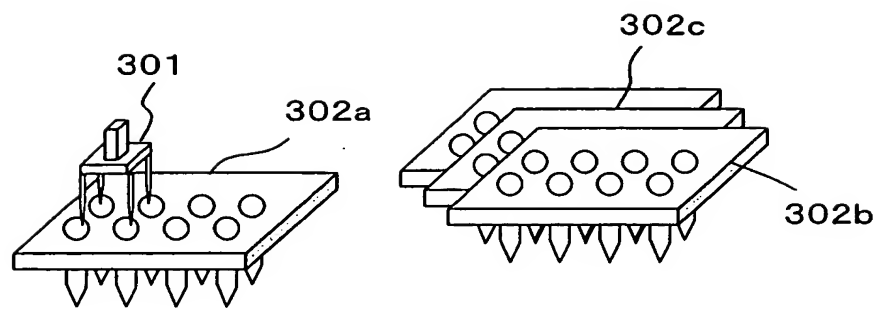


Fig. 3B

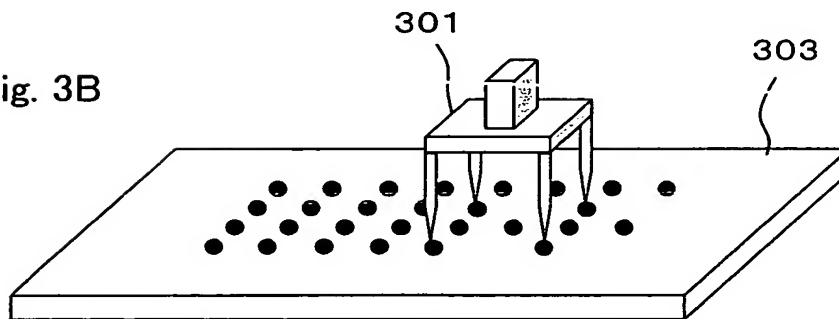


Fig. 4

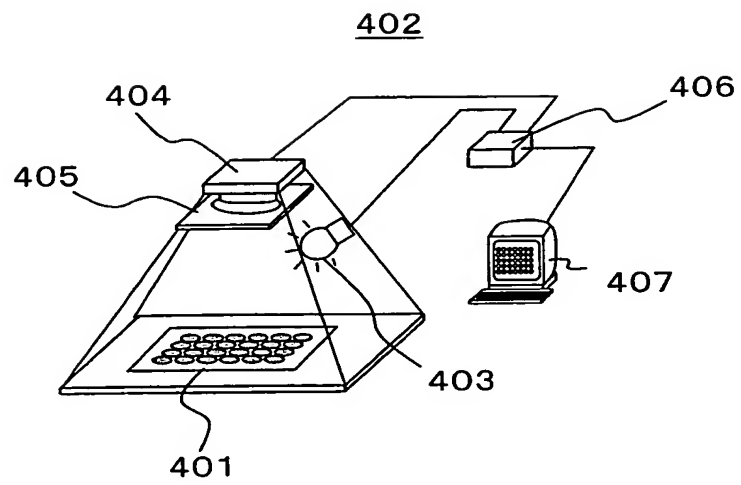


Fig. 5A

## Microarray information

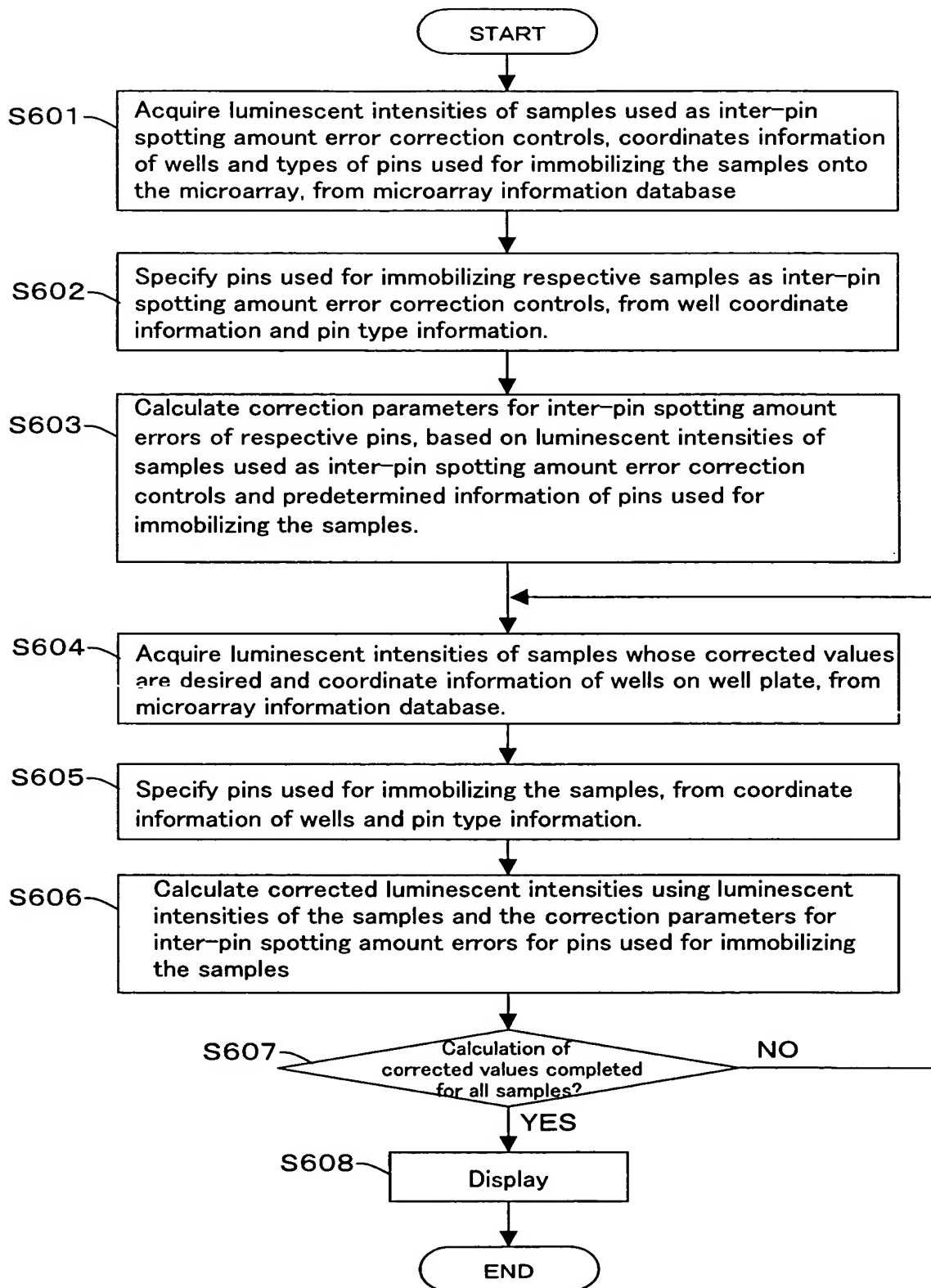
ID	Background value	Definition	Pin Type
MA1	100	Sample group from mouse tumor cell	2x2
MA2	....	....	...

Fig. 5B

## Sample spot information

ID	MA ID	Sample Name	Definition	Luminescent intensity	X-coordinate of well	Y-coordinate of well
SS 1	MA1	Standard Control	Inter-pin spotting amount error correction control	4500	1	1
SS 2	MA1	Standard Control	Inter-pin spotting amount error correction control	4600	1	2
SS 3	MA1	Standard Control	Inter-pin spotting amount error correction control	4400	2	1
SS 4	MA1	Standard Control	Inter-pin spotting amount error correction control	4700	2	2
SS 5	MA1	Sample1	Sample 1 from mouse tumor cell	3000	3	1
SS 6	MA1	Sample2	Sample 2 from mouse tumor cell	4600	3	2
SS 7	MA1	Sample3	Sample 3 from mouse tumor cell	6500	4	1
SS 8	MA1	Sample4	Sample 4 from mouse tumor cell	1000	4	2

Fig. 6



701

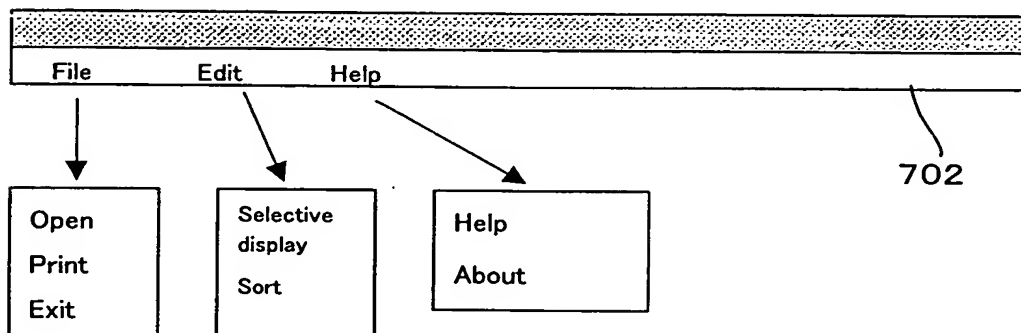
Fig. 7A

File Edit Help

Correction parameter
<i>Pin1</i>
1.01
<i>Pin2</i>
0.99
<i>Pin3</i>
1.03
<i>Pin4</i>
0.97

Sample	Pin	Measured value	Corrected value
Sample1	Pin1	3000	3030
Sample2	Pin2	4600	4554
Sample3	Pin3	6500	6695
Sample4	Pin4	1000	970
Sample5	Pin1	3000	3030
Sample6	Pin2	3500	3465
Sample7	Pin3	5300	5459
Sample8	Pin4	4700	4559
Sample9	Pin1	1200	1212
Sample10	Pin2	4900	5047
Sample11	Pin3	7300	7519
Sample12	Pin4	2200	2134
Sample13	Pin1	6100	6161
Sample14	Pin2	6700	6633
Sample15	Pin3	4100	4223
Sample16	Pin4	2700	2619

Fig. 7B



702

703

704

Fig. 7C

Selective display	
Measured value	<input type="text"/> <input type="radio"/> Over <input type="radio"/> Below
Corrected value	<input type="text"/> <input type="radio"/> Over <input type="radio"/> Below

Sort	
<input type="radio"/> Sample <input type="radio"/> Pin <input type="radio"/> Measured value <input type="radio"/> Corrected value	<input type="radio"/> Ascending sort <input type="radio"/> Descending sort